



8013-1174

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Yoshiyuki YAKABE

Serial No. 10/606,773

Filed June 27, 2003

OPTICAL AMPLIFIER AND OPTICAL  
FIBER LASER

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with Rules 1.97 and 1.98, and in fulfillment of the duty of disclosure under Rule 1.56, the accompanying documents, copies of which are attached to this statement, are made of record on the enclosed sheet.

A concise explanation of the relevance of these items is that these references were discovered during any searches they or their client had made, or that they were considered in the preparation of the application.

Respectfully submitted,

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By

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September 25, 2003

# **INFORMATION DISCLOSURE CITATION IN AN APPLICATION**

(Use several sheets if necessary)

Attorney Docket No.  
**8013-1174**

Application No.:  
**10/606,773**

Applicant:  
**Yoshiyuki YAKABE**

Filing Date:  
**June 27, 2003**

Group Art Unit:

## **U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
	5,668,659	9/16/1997	SAKAMOTO et al.			
	2002/0033997	3/21/2002	CHOI et al.			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	8-152531	6/11/1996	JAPAN				
	6-112576	4/22/1994	JAPAN (with English abstract)				
	2001-189510	7/10/2001	JAPAN (with English abstract)				
	2002-57396	2/22/2002	JAPAN				

## **OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	SAKAMOTO et al., "35-dB Gain Tm-Doped ZBLAN Fiber Amplifier Operating at 1.65 $\mu$ m", IEEE Photonics Technology Letters, Vol. 8, No. 3, March 1996, pp. 349-351.
	"Erbium Doped Fluorozirconate Fibre Laser Operating at 1.66 and 1.72 $\mu$ m", Electronics Letters, Vol. 26, No. 10, May 10, 1990, pp. 649-651.
	"Upconversion Pumped Green Lasing in Erbium Doped Fluorozirconate Fibre", Electronics Letters, Vol. 27, No. 20, September 26, 1991, pp. 1785-1786.
	"23 dB Gain Upconversion Pumped Erbium Doped Fibre Amplifier Operating at 850 nm", Electronics Letters, Vol. 27, No. 2, January 17, 1991, pp. 184-186.
	"Up-Conversion cascade laser at 1.7 $\mu$ m with simultaneous 2.7 $\mu$ m lasing in erbium ZBLAN fibre", Electronics Letters, Vol. 31, No. 5, March 2, 1995, pp. 373-374.
	SANKAWA et al., "An Optical Fiber Amplifier for Wide-Band Wavelength Range Around 1.65 $\mu$ m", IEEE Photonics Technology Letters, Vol. 2, No. 6, June 1990, pp. 422-424.
	CHOI et al., "Pr <sup>3+</sup> -doped selenide fiber for 1610-1650 nm optical amplifiers", Electronics and Telecommunications Research Institute, September 2000.
	TSUZAKI et al., "Proceedings of the 2000 Communications Society Conference of IEICE", October 2000, page 337.

EXAMINER:

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

\* Abstract provided for the Examiner's convenience

Y&T September 25, 2003